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SECRET

(When Filled In)

FILE INFO

11 Nov 71 02/02

REPRODUCTION PROHIBITED

ACTION	1		6		11		16	
	2		7		12		17	
25X1A	3		8		13		18	
25X1A	4		9		14		19	
	5		10		15		20	

S E C R E T 111659Z NOV 71 CITE

IDEALIST DM-3

REF

25X1A

SUBJ: PRECONDITIONING CARD

1. THE PROBLEM OF AUTOMATIC TEMPERATURE REGULATION IN THE HEATING MODE HAS BEEN IDENTIFIED AS A BROKEN WIRE OFF OF H PIN ON THE TEMPERATURE CONTROL UNIT LEADING TO THE AIR OUT TEMPERATURE SENSOR. THE WIRE HAS BEEN REPAIRED AND THE CART IS NOW FUNCTIONING PROPERLY.

2. THE HOSE LATCHING DIFFICULTY APPEARS TO BE A DESIGN PROBLEM. THE AIR IN AND OUT HOSE LATCH MECHANISMS AND THE HATCH HOSE RECEPTACLE DO NOT EXHIBIT ANY MALFUNCTION. THE PRESENT DESIGN OF THE HOSE PLUG-IN UNIT REQUIRES PERFECT ALIGNMENT WITH THE HATCH RECEPTACLE TO GET IT TO INSERT AND LOCK IN. SINCE THERE IS NO WAY TO VISUALLY OBTAIN THIS ALIGNMENT, IT MUST BE DONE BY FEEL, TRAIL AND ERROR. THE BULKINESS OF THE HOSES AND INSULATION BLANKET CONTRIBUTE IN MAKING THIS TRAIL AND ERROR PROCEDURE DIFFICULT. [REDACTED] 25X1A

RECOMMENDS THAT SOME TYPE OF GUIDE PIN BE DESIGNED TO WORK IN CONJUNCTION WITH THE HOSE PLUG-IN PROBE TO PROVIDE A POSITIVE SELF-ALIGNING FEATURE.

S E C R E T

BT